



BRUHAT BENGALURU MAHANAGARA PALIKE

TENDER DOCUMENT – KW4

(WORKS COSTING MORE THAN Rs. 100 LAKHS)

Name of Work: - Improvements of Anganawadi buildings and Improvements of Government school buildings in ward no:04 of Yelahanka satellite town sub division

Estimate Cost: 100.00 Lakhs

CONTRACTOR

Page 1 of 54

EXECUTIVE ENGINEER
YELAHANKA DIV

Sd/-
Director (Proc)

U8192-262126 of W



BRUHAT BENGALURU MAHANAGARA PALIKE

No: BBMP/EE/YNK.D/E-PMT/09 / 2020-21

Office of the Executive Engineer
Yelahanka Division
Date: 12-02-2021

INVITATION FOR TENDER (IFT)

(Short term- Tender Notification)

(Two Cover System)

(Through GOK e-Procurement Portal only)

- The Executive Engineer Yelahanka Division invites tenders on behalf of commissioner, BBMP, Bengaluru from eligible Tenderers for the works detailed in the table below. The tenderers may submit tenders for the works in the table through e-procurement portal of the Government of Karnataka (<https://eproc.karnataka.gov.in>). The Tenderers are advised to note the qualification criteria specified in Clause 3 of the Instructions to Tenderers for award of the contract as per standard tender document KW-01, KW-2, KW-3, KW-4
- Tenders must be accompanied by Earnest Money Deposit specified for the work in the table below. Earnest money deposit will have to be submitted EMD Declaration (As per Government order No:FD/675/expe-12/2020 Bangalore Dated 22-12-2020)
- Tenders must be submitted online through e-procurement portal on or before 12 hours on 12-02-2021 and the opening of tenders will be as per the e-procurement portal guidelines.
- GST Shall be Paid to the tendered amount separately
- Other details can be seen in the tender documents.

Sl. No.	Name of the Work	Est. Cost	Category	Cost of Tender form in Rs. (Non-Refundable)	Tender Closing
01	Developments of roads and drains at Venkata and Venkata Janatha colony in ward no 01 of Yelahanka sub division	200.00	-	As per e-Procurement Portal	03 March
02	construction of compound wall and improvements to yelahanka Govt High school premises at yelahanka old town in ward no -01	100.00	-	As per e-Procurement Portal	06 March
03	Providing Street Name board, Fabrication of shed for boating platform and construction of Rangamandhira at venkata government school in ward no -01 of yelahanka Sub division.	100.00	-	As per e-Procurement Portal	03 March
04	Improvements to kalyani at yelahanka lake in kempegowda ward no -01	100.00	-	As per e-Procurement Portal	06 March

CONTRACTOR

EXECUTIVE ENGINEER
YELAHANKA DIV

Improvements to Roads and Drains at Ambabhatta Layout (Part-1) in Ward No 03	65.00	-
Improvements to Roads and Drains at Ambabhatta Layout (Part-2) in Ward No 03	60.00	-
Improvements to Roads and Drains at Deo Marvel Layout and Surrounding Area in Ward No 03	75.00	-
Improvements to Roads and Drains at Sai Nagara 2 and Surrounding area in Ward No 03	65.00	-
Improvements to Roads and Drains at Akshyanagara and Surrounding area in Ward No 03	75.00	-
Improvements to roads and drains in ward no.03	65.00	-
Improvements to Roads at SFS 707 and Surrounding area in Ward No 03	58.00	-
Improvements to Drains at SFS 707 and Surrounding area in Ward No 03	76.00	-
Improvements to Roads and Drains at Sharada Nagara in Ward No 04	9.00	-

2nd Call	
13	Providing Energy efficient and LED Street lights and Wires around Kempegowda ward no:01
14	Providing street name Boards in ward no-03 of Yelahanka Satellite Town Sub Division
15	Improvements of Anganwadi buildings and Improvement Government school building ward no-04 of Yelahanka satellite town sub division
16	Providing Energy efficient Street lights control Switches Wires around ward no:04

Note: Eligibility & Class of Contractor

- 1) Class IV
- 2) Class III
- 3) Class II -
- 4) Class I B
- 5) Class I

CONTRACTOR

A PALIKE

Office of the Executive Engineer,
Yelahanka division, Bangalore
Dated : 29-01-2021

only)
Tenders on behalf of the
for the construction of
tenders for works given
ment of Karnataka (viz
to note the minimum
to Tenderers to qualify
KW-01, KW-2, KW-3 and
ified for the work in the
EMD Declaration Copy
Dated 22-12-2020)
on or before 16.00
per the e-procurement

of Tender m in Rs. Refundable)	Period of Completion
s per curement ortal	03 Months
per urement ortal	06 Months
per ement al	03 Months
er ement	06 Months

05	Improvements to Roads and Drains at Ambabhavani Layout (Part-1) in Ward No 03	65.00	-	As per e-Procurement Portal	03 Months
06	Improvements to Roads and Drains at Ambabhavani Layout (Part-2) in Ward No 03	60.00	-	As per e-Procurement Portal	03 Months
07	Improvements to Roads and Drains at Deo Marvel Layout and Surrounding Area in Ward No 03	75.00	-	As per e-Procurement Portal	03 Months
08	Improvements to Roads and Drains at Sai Nagara 2 and Surrounding area in Ward No 03	65.00	-	As per e-Procurement Portal	03 Months
09	Improvements to Roads and Drains at Akshyanagara and Surrounding area in Ward No 03	75.00	-	As per e-Procurement Portal	03 Months
10	Improvements to roads and drains at Attur Layout surrounding areas in ward no:03	65.00	-	As per e-Procurement Portal	03 Months
11	Improvements to Roads at SFS 707 and Surrounding area in Ward No 03	58.00	-	As per e-Procurement Portal	03 Months
11	Improvements to Drains at SFS 707 and Surrounding area in Ward No 03	76.00	-	As per e-Procurement Portal	03 Months
12	Improvements to Roads and Drains at Sharada Nagara in Ward No 04	98.00	-	As per e-Procurement Portal	03 Months

2 nd Call					
13	Providing Energy efficient and LED Street lights and Wires around Kempegowda ward no:01	25.00	Others	As per e-Procurement Portal	03 Months
14	Providing street name Boards in ward no:03 of Yelahanka Satellite Town Sub Division	50.00	ST	As per e-Procurement Portal	03 Months
15	Improvements of Anganawadi buildings and Improvements of Government school buildings in ward no:04 of Yelahanka satellite town sub division	100.00	-	As per e-Procurement Portal	06 Months
16	Providing Energy efficient LED Street lights control Switches and Wires around ward no:04	25.00	Others	As per e-Procurement Portal	03 Months

Note: Eligibility & Class of Contractors:

- 1) Class IV - Upto Rs 01.00 Lakh
- 2) Class III - Upto Rs 10.00 Lakhs
- 3) Class II - Upto Rs 25.00 Lakhs
- 4) Class I B - Upto Rs 100.00 Lakhs
- 5) Class I - Any amount

CONTRACTOR

EXECUTIVE ENGINEER
YELAHANKA DIV

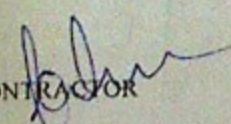
16. Frequency of the Quality tests of all the materials and other tests have to be conducted by contractor as per Specifications for Road and Bridge Works (5th Revision) and IRC:SP:11-1984 Handbook of Quality Control for Construction of Roads and Runways, IRC:SP:112-2017 Manual for Quality Control in Road and Bridge Works, IRC:SP:47-1998 Guidelines on Quality Systems for Road Bridges (Plain, Reinforced, Prestressed), RC:SP:57-2000 Guidelines for Quality Systems for Road Construction and Composite Concrete and SP:7-2005 National Building Code of India & other relevant Indian standards in his laboratory or any other Laboratory assigned by the BBMP on his own cost in presence of Engineer/ consultants appointed by BBMP.
17. As per Govt. Order No: LD 300/LET/2006, Dated: 18.07.2007, 1% of the bill amount will be deducted and remitted to Karnataka State Building & Other Construction Employees Welfare Board.
18. The Tenderers are advised to note the minimum qualification criteria specified in clause 3 of the Instructions to Tenderers to qualify for award of the contract (**Standard Tender Document KW 1 & 2** also Tenderers are advised to go through the Standard Bid Documents.
19. Any Corrigendum / Modification will be notified in the Notice Board of the Undersigned.
20. The BBMP reserves the right to accept/reject any or all tenders without assigning any reasons what so ever.
21. **Successful Tenderer should deliver to the employer a security deposit equivalent 3% of the Contract price in form of DD / Bank Guarantee in favour of Commissioner BBMP otherwise action will be initiated as per Standard Bid document clauses.**
22. **An additional security for unbalanced bids (difference amount 50%) in the form of DD/ Bank Guarantee to be submitted in favour of Commissioner BBMP to the undersigned before opening of the technical bid otherwise there bids will be rejected.**
23. The Tender Accepting Authority shall have the power to accept or to reject any tender without assigning any reason thereof.
24. GST will be paid to the tendered amount separately only for 2018-19 schedule of rates and for GST/VAT is included in other than 2018-19 schedule of Rates.
25. As per Government Circular No. CI 81 MMN 2014 Dt: 18.02.2014 & ಗೃಹಾಧಿಪತಿ/ಕರ್ನಾಟಕ/ರಾ.ಪ.ಕೋ/2013-14 ದಿನಾಂಕ: 13.03.2014 the contractors are liable to pay royalty in terms of the contract if they are not able to produce the materials purchased document / MDP's from where they purchase.
26. Black Listed Contractors / in Govt. / Quasi Govt. / Boards / BBMP etc., are not eligible to quote, if found such Tenders will be rejected.
27. All the participants should produce all the original documents for verification whenever necessary.
28. The work shall be carried out as per the directions of the BBMP and if necessary in coordination with BESCOM, BWSSB, Other Utility Agencies and Engineer in charge of Work.
29. No Joint Venture / Consortium is permissible.
30. The Work shall be commenced with all Men and Machinery within 7 days from the Date of Work Order, failing which it would be presumed that the Successful Tenderer is not interested in the Work and Action will be taken to get the Work executed through Alternate Agency at the risk and cost of the Former Tenderers.
31. Conditional Tenders will not be entertained and they are summarily rejected.
32. Further particulars can be had from the office of the Executive Engineer, Yelahanka Division, and BBMP during the working days between 10.00 A.M. to 5.30 P.M.
33. The Construction Debris Generated from Work Shall be dumped in Designated Dumping Yards Only.
34. If the Contractor has any liability whatsoever to the BBMP / Govt the same will be deducted from the Contractors bills.

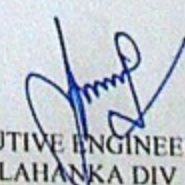
CONTRACTOR

EXECUTIVE ENGINEER
YELAHANKA DIV

Contents

Section	Description	Page No.
1.	INVITATION FOR TENDERS (IFT)	4
2.	INSTRUCTIONS TO TENDERERS (ITT)	7
3.	QUALIFICATION INFORMATION	19
4.	FORM OF TENDER, LETTER OF ACCEPTANCE, NOTICE TO PROCEED WITH THE WORK AND AGREEMENT FORM	22
5.	CONDITIONS OF CONTRACT (CC)	25
6.	CONTRACT DATA	38
7.	SPECIFICATIONS	44
8.	DRAWINGS	44
9.	BILL OF QUANTITIES	45
10.	FORMAT OF BANK GUARANTEE FOR SECURITY DEPOSIT	54


CONTRACTOR


EXECUTIVE ENGINEER
YELAHANKA DIV

A. General

1. Scope of Tender

- 1.1 The Executive Engineer, Yelahanka Division, BBMP (Referred to as Employer in these documents) invites tenders following Two Cover tender procedure, from eligible Tenderers, for the construction of works (as defined in these documents and referred to as "the works") detailed in the Table given in the Invitation for Tenders (IFT). The Tenderers may submit tenders for any or all of the works detailed in the table given in IFT.

2. Eligible Tenderer's:

- 2.1 Tenderers shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by the Government of Karnataka / BBMP
- 2.2 Tenders from Joint ventures are not acceptable.

3. Qualification of the Tenderer:

- 3.1 All Tenderers shall provide the requested information accurately and in sufficient detail in Section 3: Qualification information.
- 3.2 To qualify for award of this contract, each Tenderer in its name should have in the last five years (i.e. 2015-16 to 2019-20)
- (a) achieved in at least two financial years a minimum financial turnover (in all classes of civil engineering construction works only) of Rs.176.00 lakhs
 - (b) satisfactorily completed (at least 50% of the contract value) as prime contractor, at least one similar work such as Development of Parks of value not less than Rs.45.00 Lakhs
 - (c) executed in any one year, the following minimum quantities of work:¹

Sl. No	Description	Unit	Quantity
1	Earthwork excavation	Cum	190.00
2	PCC/RCC	Cum	230.0
3	TMT Steel	Tonne	19.00
4	Centring & shuttering work	Sqm	1374.37
5	Granular Sub Base Grading V	Cum	555.00
6	Burnt Bricks	Cum	127.33

Note: Certified Contractors Bill Copies shall be uploaded (Admitted Bill Copies)

- (d) The Tenderer or his identified sub-contractor should possess required valid electrical license for executing building electrification works and should have executed similar electrical works totaling Rs. (usually not less than 50% of the electrical works)* in any one year;²
 - (e) The Tenderer or his identified sub-contractor should possess valid license for executing water supply/sanitary engineering works and should have executed similar water supply/sanitary engineering works totaling Rs. (usually not less than 50% of the water supply/sanitary engineering works)* in any one year;³
- 3.3 Each Tenderer should further demonstrate:
- (a) Availability by owning critical equipment and at least 50% of the required/specified key equipment for this work and the remaining 50% can be deployed on lease/hire basis for all works provided the relevant documents (commitment agreements etc.) for availability for this work are furnished.

¹ Specify the principal items of works to be executed under this contract

² This is for building works. Appropriately change for other works.

³ This is for building works. Appropriately change for other works.

- 6.1 The Tenderer at his own responsibility and risk is encouraged to visit and examine the Site of Works and its surroundings and obtain all information that may be necessary for preparing the Tender and entering into a contract for construction of the Works. The cost of visiting the Site shall be at the Tenderer's own expense.

B. Tender documents

7. Content of Tender documents

- 7.1 The set of tender documents shall have all the Sections given in Page 2:
7.2 Both the sets should be completed and returned with the tender.

8. Clarification of Tender Documents

- 8.1 A prospective tenderer requiring any clarification of the tender documents may notify the Employer in writing or by cable (hereinafter "cable" includes telex and facsimile) at the Employer's address indicated in the invitation to tender. The Employer will respond to any request for clarification which he receives earlier than 15 days prior to the deadline for submission of tenders. Copies of the Employer's response will be forwarded to all purchasers of the tender documents, including a description of the enquiry but without identifying its source.

8.2 Pre-tender meeting:

- 8.2.1 The tenderer or his authorized representative is invited to attend a pre-tender meeting which will take place at **The Office of the Executive Engineer , Yelahanka Division, Bangalore – 560064 on 08-02-2021 at 15.00 Hours**
8.2.2 The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage
8.2.3 The tenderer is requested to submit any questions in writing or by cable to reach the Employer not later than **2 days before Pre bid meeting.**
8.2.4 Minutes of the meeting, including the text of the questions raised (without identifying the source of enquiry) and the responses given will be transmitted without delay to all purchasers of the tender documents. Any modification of the tender documents listed in Sub-Clause 7.1 which may become necessary as a result of the pre-tender meeting shall be made by the Employer exclusively through the issue of an Addendum pursuant to Clause 9 and not through the minutes of the pre-tender meeting.
8.2.5 Non-attendance at the pre-tender meeting will not be a cause for disqualification of a tenderer.

9. Amendment of Tender documents

- 9.1 Before the deadline for submission of tenders, the Employer may modify the tender documents by issuing addenda.
9.2 Any addendum thus issued shall be part of the tender documents and shall be communicated in writing or by cable to all the purchasers of the tender documents.
9.3 To give prospective Tenderers reasonable time in which to take an addendum into account in preparing their tenders, the Employer shall extend as necessary the deadline for submission of tenders, in accordance with Sub-Clause 16.2 below.

C. Preparation of Tenders

10. Documents comprising the Tender

- 10.1 The tender submitted by the Tenderer shall be in two covers and shall contain the documents as follows:
10.1.1 **First Cover:**
(a) Earnest Money Deposit;
(b) Qualification Information as per formats given in Section 3;
10.1.2 **Second Cover:**
(a) The Tender (in the format indicated in Section 4)
(b) Priced Bill of Quantities (Section 9).

CONTRACTOR

- 13.3 Any tender not accompanied by an acceptable earnest money deposit and not secured as indicated in Sub-Clauses 13.1 and 13.2 above shall be rejected by the Employer as non-responsive.
- 13.4 The earnest money deposit of unsuccessful Tenderers will be returned within 30 days of the end of the tender validity period specified in Sub-Clause 12.1.
- 13.5 The earnest money deposit of the successful Tenderer will be discharged when the Tenderer has signed the Agreement and furnished the required Performance Security.
- 13.6 The earnest money deposit may be forfeited:
- if the Tenderer withdraws the Tender after tender opening during the period of tender validity;
 - if the Tenderer does not accept the correction of the Tender Price, pursuant to Clause 24; or
 - in the case of a successful Tenderer, if the Tenderer fails within the specified time limit to
 - Sign the Agreement; or
 - Furnish the required Security deposit

14. Format and signing of Tender

- 14.1 The Tenderer shall prepare one original and a copy of the documents comprising the Tender as described in Clause 10 of these *Instructions to Tenderers*, and clearly marked "ORIGINAL" and "COPY" as appropriate. In the event of discrepancy between them, the original shall prevail.
- 14.2 The original and a copy of the Tender shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign on behalf of the Tenderer. All pages of the tender where entries or amendments have been made shall be initialed by the person signing the tender
- 14.3 The Tender shall contain no alterations or additions, except those to comply with instructions issued by the Employer, or as necessary to correct errors made by the Tenderer, in which case such corrections shall be initialed by the person signing the Tender.

D. Submission of Tenders

15. Sealing and marking of tenders

- 15.1 The Tenderer shall seal the original and a copy of the Tender in separate envelopes, duly marking the envelopes as "ORIGINAL" and "COPY". These envelopes (called as inner envelopes) shall then be put inside one outer envelope.
- 15.2 The inner and outer envelopes shall
- be addressed to the Employer at the following address:
 Office of the Executive Engineer
 Yelahanka Division
 CMC Road, Yelahanka old town Bangalore – 560064.

 (insert address of office for Tender submission), and
 - bear the following identification:

-	Tender for	[name of contract]
-	Tender Reference No.....	[insert number]
-	DO NOT OPEN BEFORE.....	[time and date for tender opening, per Clause 19]
- 15.3 In addition to the identification required in Sub-Clause 15.2, the inner envelopes shall indicate the name and address of the Tenderer to enable the tender to be returned unopened in case it is declared late, pursuant to Clause 17.
- 15.4 If the outer envelope is not sealed and marked as above, the Employer will assume no responsibility for the misplacement or premature opening of the Tender.

Note:-

1. The Tenderer shall access Tender Documents, fill them and submit the Completed Tender Document as stated in Clause 10 through Website of e – Procurement itself (www.eproc.karnataka.gov.in). The Signed, Sealed and Scanned Copy of all the Documents as stated in Clause 10 shall be attached to the e – Tender Document, failing which the Bid will not be considered. It is the Responsibility of the Tenderer to submit all the Documents pertaining to Eligibility Criteria / Qualification Information

- 19.6 The Second Cover of all the Tenderers including modifications for Second Cover shall be placed in a large cover and securely sealed in the presence of the tenderers or their representatives, who are present and also get the same signed by all those tenderers or their representatives. The large cover shall be kept in safe custody by the Employer.⁴
- 19.7 The Employer will evaluate and determine whether each tender (a) meets the eligibility criteria defined in ITT Clause 2; (b) is accompanied by the required earnest money deposit as per stipulations in ITT Clause and (c) meets the minimum qualification criteria stipulated in ITT Clause 3. The Employer will draw out a list of qualified Tenderers.⁵
- 20.1 The Employer will inform all the Qualified Tenderers the time, date and venue fixed for the opening of the Second Cover containing the priced Tenders. The Employer will open the Second Covers of Qualified Tenderers at the appointed time and date in the presence of the Tenders or their representatives who choose to attend. In the event of the specified date of Second Cover opening being declared a holiday for the Employer, the Second Covers will be opened at the appointed time and location on the next working day.
- 20.2 Envelopes marked **"MODIFICATION FOR SECOND COVER"** shall be opened and the submissions therein read out in appropriate detail.
- 20.3 The Tenderers' names, the Tender prices, the total amount of each Tender, any discounts, Tender modifications and withdrawals, and such other details as the Employer may consider appropriate, will be announced by the Employer at the opening. No Tender shall be rejected at Tender opening.
- 20.4 The Employer shall prepare minutes of the Second Cover Tender opening, including the information disclosed to those present in accordance with Sub-Clause 20.3.
- 21. Process to be confidential**
- 21.1 Information relating to the examination, clarification, evaluation, and comparison of Tenders and recommendations for the award of a contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced. Any effort by a Tenderer to influence the Employer's processing of Tenders or award decisions may result in the rejection of his Tender.
- 22 Clarification of Tenders**
- 22.1 To assist in the examination, evaluation, and comparison of Tenders, the Employer may, at his discretion, ask any Tenderer for clarification of his Tender, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, but no change in the price or substance of the Tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the Tenders in accordance with Clause 24.
- 22.2 Subject to sub-clause 22.1, no Tenderer shall contact the Employer on any matter relating to its Tender from the time of the Tender opening to the time the contract is awarded. If the Tenderer wishes to bring additional information to the notice of the Employer, it should do so in writing.
- 22.3 Any effort by the Tenderer to influence the Employer in the Employer's Tender evaluation, Tender comparison or contract award decisions may result in the rejection of the Tenderers' Tender.
- 23. Examination of Tenders and determination of responsiveness**
- 23.1 Prior to the detailed evaluation of Tenders, the Employer will determine whether each Tender; (a) has been properly signed; and; (b) is substantially responsive to the requirements of the Tender documents.

⁴ Refer GOK circular No. PWD 1359 SO/FC 2001 (P-2) dated 30th June 2003.

⁵ The evaluation of the technical aspects contained in the first cover should be completed within a reasonable period and the time gap between the opening of the first and second cover should be the minimum and in any case not more than 45 days (In exceptional cases, approval of the Secretary to the Government of the concerned Department/Managing Director of the Corporation shall be obtained, where the period is more than 45 days but less than 60 days. If it exceeds 60 days the tenders shall be revived).

accordance with the provisions of Clause 2, and (b) qualified in accordance with the provisions of Clause 3.

27. Employer's right to accept any Tender and to reject any or all Tenders

27.1 Notwithstanding Clause 26, the Employer reserves the right to accept or reject any Tender, and to cancel the Tender process and reject all Tenders, at any time prior to the award of Contract, without thereby incurring any liability to the affected Tenderer or Tenderers or any obligation to inform the affected Tenderer or Tenderers of the grounds for the Employer's action.

28. Notification of award and signing of Agreement

28.1 The Tenderer whose Tender has been accepted will be notified of the award by the Employer prior to expiration of the Tender validity period by cable, telex, e-mail or facsimile confirmed by registered letter. This letter (hereinafter and in the *Conditions of Contract* called the "Letter of Acceptance") will state the sum that the Employer will pay the Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price").

28.2 The notification of award will constitute the formation of the Contract, subject only to the furnishing of Security deposit in accordance with the provisions of Clause 29.

28.3 The Agreement will incorporate all agreements between the Employer and the successful Tenderer. It will be kept ready for signature of the successful Tenderer in the office of Employer within 30 days following the notification of award along with the Letter of Acceptance. Within 20 days of receipt, the successful Tenderer will sign the Agreement and deliver it to the Employer.

28.4 Upon the furnishing by the successful Tenderer of the Performance Security, the Employer will promptly notify the other Tenderers that their Tenders have been unsuccessful.

29. Security deposit

29.1 Within 20 days of receipt of the Letter of Acceptance, the successful Tenderer shall deliver to the Employer a Security deposit in any of the forms given below for an amount equivalent to 5% of the Contract price plus additional security for unbalanced tenders in accordance with Clause 25.5 of ITT and Clause 44 of the Conditions of Contract for all works. :

- Banker's cheque/Demand draft/Pay Order in favour of Commissioner BBMP payable at Bangalore or
- A Bank Guarantee in the form given in Section 10; or
- Special Small savings instruments pledged to Commissioner, BBMP / Executive Engineer – Yelahanka Division, BBMP

29.2 If the security deposit is provided by the successful Tenderer in the form of a Bank Guarantee, it shall be issued either by a Nationalized/Scheduled bank

29.3 The security deposit if furnished in cash or demand draft can, if requested, be converted to interest bearing securities at the cost of the contractor.

29.4 Failure of the successful Tenderer to comply with the requirements of Sub-Clause 29.1 shall constitute sufficient grounds for cancellation of the award and forfeiture of the Earnest money deposit.

30. Advance Payment and Security:

31. Corrupt or Fraudulent practices

31.1 The BBMP requires that the Tenderers/Suppliers/Contractors, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, BBMP:

- (a) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
- (b) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a BBMP contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a BBMP contract.

31.2 Furthermore, Tenderers shall be aware of the provision stated in sub-clause 50.2 of the Conditions of Contract.

Letter of Acceptance
(letterhead paper of the Employer)[date]

To:

.....
.....[name and address of the Contractor]

Dear Sirs,

This is to notify you that your Tender dated for execution of the
..... [name of the contract and identification number, as given in the Instructions to Tenderers] for the
Contract Price of Rupees
..... (.....) [amount in words and
figures], as corrected and modified in accordance with the Instructions to Tenderers is hereby accepted by
our Agency.

You are hereby requested to furnish Security deposit plus additional security for unbalanced tenders in terms
of Clause 25.5 of ITT, in the form detailed in Clause 29.1 of ITT for an amount of Rs..... within 20 days
of the receipt of this letter of acceptance valid up to 30 days from the date of expiry of Defects Liability
Period i.e. up to and sign the contract, failing which action as stated in Para 29.4 of ITT will be
taken.

Yours faithfully,

Authorized Signature

Name and Title of Signatory

Name of Agency

Issue of Notice to proceed with the work

(letterhead of the Employer)(date)

To

.....
.....
..... (name and address of the Contractor)

Dear Sirs:

Pursuant to your furnishing the requisite security deposit as stipulated in ITT Clause 29.1 and signing of the
contract agreement for the construction of (name of the work) a Tender
Price of Rs....., you are hereby instructed to proceed with the execution of the said works in
accordance with the contract documents.

Yours faithfully,

(Signature, name and title of signatory
authorized to sign on behalf of Employer)

- (8) Bill of quantities and
(9) any other document listed in the Contract Data as forming part of the Contract.

3. Law governing contract

- 3.1 The law governing the Contract is the Laws of India supplanted by the Karnataka Local Acts.

4. Employer's decisions

- 4.1 Except where otherwise specifically stated, the Employer will decide contractual matters between the Employer and the Contractor.

5. Delegation

- 5.1 The Employer may delegate any of his duties and responsibilities to other people after notifying the Contractor and may cancel any delegation after notifying the Contractor.

6. Communications

- 6.1 Communications between parties which are referred to in the conditions are effective only when in writing. A notice shall be effective only when it is delivered (in terms of Indian Contract Act).

7. Subcontracting (Deleted)

- 7.1 Deleted.

8. Other Contractors

- 8.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the Employer.

9. Personnel

- 9.1 The Contractor shall employ the technical personnel (of number and qualifications) as may be stipulated by GOK from time to time during the execution of the work. The technical staff so employed shall be available at site as may be stipulated by the Employer.
9.2 If the Employer asks the Contractor to remove a person who is a member of the Contractor's staff or his work force stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the work in the Contract.

10. Employer's and Contractor's risks

- 10.1 The Employer carries the risks which this Contract states are Employer's risks, and the Contractor carries the risks which this Contract states are Contractor's risks.

11. Employer's risks

- 11.1 The Employer is responsible for the excepted risks which are:
(a) rebellion, riot commotion or disorder unless solely restricted to employees of the Contractor or his Sub-Contractors arising from the conduct of the Works; or
(b) a cause due solely to the design of the Works, other than the Contractor's design; or
(c) any operation of the forces of nature (in so far as it occurs on the Site) which an experienced contractor:
(i) could not have reasonably foreseen; or
(ii) could reasonably have foreseen, but against which he could not reasonably have taken at least one of the following measures;
(A) prevent loss or damage to physical property from occurring by taking appropriate measures or
(B) insure against such loss or damage

CONTRACTOR

accompanied by BOQ, failing which the contractor shall be responsible for deviation if any. Further, approval of Govt. / BBMP has to be obtained for the variation exceeding 5%.

35. Payments for Variations

- 35.1 Payment for increase in the quantities of an item in the BOQ up to 25% of that provided in the Bill of Quantities shall be made at the rates quoted by the Contractor.
- 35.2 For quantities in excess of 125% of the tendered quantity of an item as given in the BOQ, the Contractor shall be paid at the rate entered in or derived from in the Schedule of Rates (applicable for the area of the work and current at the time of award of contract) plus or minus the overall percentage of the original tendered rates over the current Schedule of Rates prevalent at the time of award of contract.
- 35.3 If there is no rate for the additional, substituted or altered item of the work in the BOQ, efforts would be made to derive the rates from those given in the BOQ or the Schedule of Rates (applicable for the area of the work and current at the time of award of contract) and if found feasible the payment would be made at the derived rate for the item plus or minus the overall percentage of the original tendered rates over the current Schedule of Rates prevalent at the time of award of contract.
- 35.4 If the rates for additional, substituted or altered item of work cannot be determined either as at 35.1 or 35.2 or 35.3 above, the Contractor shall be requested to submit his quotation for the items supported by analysis of the rate or rates claimed, within 7 days.
- 35.5 If the Contractor's quotation is determined unreasonable, the Employer may order the Variation and make a change to the Contract Price which shall be based on Employer's own forecast of the effects of the Variation on the Contractor's costs.
- 35.6 If the Employer decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.
- 35.7 Under no circumstances the Contractor shall suspend the work on the plea of non-settlement of rates for items falling under this Clause.

36. Submission of bills for payment

- 36.1 The Contractor shall submit to the Employer monthly bills of the value of the work completed less the cumulative amount paid previously.
- 36.2 The Employer shall check the Contractor's bill and determine the value of the work executed which shall comprise of (i) value of the quantities of the items in the BOQ completed and (ii) valuation of Variations and Compensation Events.
- 36.3 The Employer may exclude any item paid in a previous bill or reduce the proportion of any item previously paid in the light of later information.

37. Payments

- 37.1 Payments shall be adjusted for deductions for advance payments other than recoveries in terms of contract and taxes, at source, as applicable under the law. The Employer shall pay the Contractor the within 60 days of submission of bill. The contractor shall be liable to pay liquidated damages for shortfall in progress. For progress beyond the agreed programme payment is subject to availability of the grants.
- 37.2 Items of the Works for which no rate or price has been entered in will not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract.

38. Compensation events

- The following are Compensation events unless they are caused by the Contractor:
- 38.1 The Employer does not give access to a part of the Site by the Site Possession Date stated in the Contract Data.
- (a) The Employer orders a delay or does not issue drawings, specifications or instructions required for execution of works on time.
- (b) The Employer instructs the Contractor to uncover or to carry out additional tests upon work which is then found to have no Defects.
- (c) The Employer gives an instruction for dealing with an unforeseen condition, caused by the Employer, or additional work required for safety or other reasons.
- (d) The effect on the Contractor of any of the Employer's Risks.
- (e) The Employer unreasonably delays issuing a Certificate of Completion.
- (f) Other Compensation Events listed in the Contract Data or mentioned in the Contract.
- (g)

44. **Cost of Repairs:**

- 44.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

45. **Completion**

E. Finishing the Contract

- 45.1 The Contractor shall request the Employer to issue a Certificate of Completion of the Works and the Employer will do so upon deciding that the Work is completed.

46. **Taking over**

- 46.1 The Employer shall take over the Site and the Works within seven days of issuing a certificate of Completion.

47. **Final account**

- 47.1 The Contractor shall supply to the Employer a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Employer shall issue a Defect Liability Certificate and certify any final payment that is due to the Contractor within 90 days of receiving the Contractor's account if it is correct and complete. If it is not, the Employer shall issue within 90 days a schedule that states the scope of the corrections or additions that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Employer shall decide on the amount payable to the Contractor and make payment within 60 days of receiving the Contractor's revised account.

48. **As built drawings and /or Operating and Maintenance Manuals**

- 48.1 If "as built" (*Completion drawings*) Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates stated in the Contract Data.
48.2 If the Contractor does not supply the Drawings by the dates stated in the Contract Data, or they do not receive the Employer's approval, the Employer shall withhold the amount stated in the Contract Data from payments due to the Contractor.

49. **Termination**

- 49.1 The Employer may terminate the Contract if the other party causes a fundamental breach of the Contract.

49.2 Fundamental breaches of Contract include, but shall not be limited to the following:

- (a) The Contractor stops work for 45 days when no stoppage of work is shown on the current Program and the stoppage has not been authorized by the Employer;
- (b) Deleted.
- (c) The Contractor becomes bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
- (d) Deleted.
- (e) the Employer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Employer;
- (f) The Contractor does not maintain a security which is required;
- (g) the Contractor has delayed the completion of works by the number of days for which the maximum amount of liquidated damages can be paid as defined in the Contract data; and
- (h) If the Contractor, in the judgment of the Employer has engaged in corrupt or fraudulent practices in competing for or in the executing the Contract.
For the purpose of this paragraph : "corrupt practice" means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution. "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Tenderers (prior to or after Tender submission) designed to establish Tender prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition."

- Milestone 1 i.e Financial Progress for Rs.28.90 Lakhs within 02 Months from the date of work order (33%)
- Milestone 2 i.e Financial Progress for Rs.57.8 Lakhs within 04 Months from the date of work order (66%)
- Milestone 3 i.e Financial Progress for Rs.87.6 Lakhs within 06 Months from the date of work order (100%)

The Site Possession Date is:¹³ Date of work order

[21]

The Site is located at Yelahanka Division Limits and is defined in drawings

[1.1]

The Defects Liability Period is 3 Years for roads asphalted with both BM/DBM and BC¹⁴. [31]

The Defects Liability Period is 1 Year for roads asphalted with only BC¹⁵.

The Defects Liability Period is 1 Year for civil works

Insurance requirements are as under:

[13]

	Type of Cover	Minimum cover for Insurance ¹⁶
(i)	Works of Plant and materials	The sum stated in the Agreement plus 20%
(ii)	Loss or damage to equipment	Full replacement cost
(iii)	Loss or damage to property of Third Party	Full replacement cost
(iv)	Personal injury or death insurance	
	(a) for Third Party ¹⁷	
	(b) for Contractor's employees or labour	In accordance with the statutory requirements applicable to Karnataka

Price Adjustment Formula;¹⁸

[40]

R= Value of work as defined in Clause 40.1 of Conditions of Contract.

Adjustment for labour component:

- (i) Price adjustment for increase or decrease in the cost due to labour shall be paid in accordance with the following formula:

$$V_L = 0.85 \times P_L / 100 \times R \times (L_1 - L_0) / L_0 \text{ Where,}$$

V_L = Increase or decrease in the cost of work during the quarter under consideration due to changes in rates for local labour;

¹³ At the time of preparation of the tender document give the period after the issue of work order, when the site would be made available to the contractor, for example 'one week after the issue of work order'

¹⁴ The period should depend up on the period required for testing of the work. In case of building it could be 12 months (passing of one rainy season); for pipe laying work, tanks, water retaining structures, the time required for testing; for canals, lining works, the passing of one monsoon or running of canal whichever is lower; roads and highways passing of one monsoon (12 months)

¹⁵ The period should depend up on the period required for testing of the work. In case of building it could be 12 months (passing of one rainy season); for pipe laying work, tanks, water retaining structures, the time required for testing; for canals, lining works, the passing of one monsoon or running of canal whichever is lower; roads and highways passing of one monsoon (12 months)

¹⁶ Employer to specify as per requirement. Exclusions if any should also be specified.

¹⁷ Specify an appropriate figure. For normal works it could be Rs.20 lakhs to cover 4 persons @Rs.5 lakhs each.

¹⁸ The Formula has some normal components. It should be changed if need be to suit the nature of the work.

CONTRACTOR

loan has been repaid, always provided that the loan shall be completely repaid prior to the expiry of the original time for completion pursuant to Clauses 17 and 26.

³⁴The date by which "as-built"³⁵ drawings (in scale 1:1000³⁶) in 2 sets are required is within 30 days of issue of certificate of completion of Whole or Section of the Work as the case may be.

³⁷The date by which Operating and Maintenance Manuals are required is within 30 days of issue of certificate of completion of Whole or Section of the Work as the case may be. [48]

The amount to be withheld for failing to supply "as built" drawings or supply of Operation and Maintenance Manuals by the date required is Rs 1,00,000/-

(The amount should be sufficient to get the completion drawings or Operating and Maintenance Manuals prepared by alternative agency in case the contractor fails to submit.) [48]

The following events shall also be fundamental breach of the contract: [49.2]

1. The contractor has contravened Sub-clause 7.1 and Clause 9 of CC.

The percentage to apply to the value of the work not completed representing the Employer's Additional cost for completing the Works shall be 30 percent (30%) . [50.1]

(Change if need be. It should be sufficient to get the balance of works completed by alternative agency.)

³⁴ Score out is not applicable.
³⁵ Completion drawings
³⁶ Specify an appropriate scale
³⁷ Score out which ever is not applicable.

SECTION 7: SPECIFICATIONS

As per specifications mentioned in BOQ

BRUHAT BENGALURU MAHANAGARA PALIKE

Executive Engineer Yelahanka Division

Name Of Work: Improvements of Anganawadi Buildings and Improvements of buildings in ward no 04 of yelahanka satellite town sub division
Estimated Cost- Rs.100.00 Lakhs

Schedule B

Sl. No.	Description	Unit	Quantity
1	Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications.	Cum	234.87
2	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 ems. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications	Cum	153.58
3	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropylphos emulsifiable concentrates of 20% concentration at 3.19 litre/sqm, including cost of chemical, diluting in water to one percent concentration, labour, HOM complete as per specifications. (Plinth area of the building at ground floor only shall be measured)	Sqm	214.54
4	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.678 cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 ems. thick, well compacted, in foundation, plinth and eills, including cost of all materials, labour, HOM curing complete as per specifications.	Cum	14.95
5	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.678 cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 ems. thick, well compacted, in foundation, plinth and eills, including cost of all materials, labour, HOM curing complete as per specifications.	Cum	12.50
6	KSRB 4-1.7 Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.58cum, machine mixed, concrete laid in layers not exceeding 15 ems. thick, well compacted, in foundation, plinth and eills, including cost of all materials, labour, HOM curing complete as per specifications Specification No. KSB 4.1, 4.2	Cum	20.99

CONTRACTOR

Page 40 of 54

EXECUTIVE ENGINEER
YELAHANKA DIV

CONTRACTOR

Government	1	coat with cement plaster (cement mortar 1:4) in single including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification.	Sqm	102.76		
	6	Providing floating coat of cement to plastering and finishing smooth, including cost of materials, labour, curing complete as per specifications	Sqm	102.76		
Rate in Figures	9	Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with super plasticisers @ 31ts confirming to 189103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 ems thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications.	Cum	42.08		
	10	Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with super plasticisers @ 31ts confirming to 189103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 ems thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications.	Cum	78.45		
	11	Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with super plasticisers @ 31ts confirming to 189103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 ems thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications.	Cum	63.35		
	12	Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with super plasticisers @ 31ts confirming to 189103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 ems thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications.	Cum	17.15		

CONTRACTOR

Page 41 of 54

EXECUTIVE ENGINEER
YELAHANNA DIV

(SOP

FI
IND

out,
on Ec

amic ha
d help it
with in-d
only on

Office
ural Dr
D

Sh
(through

behalf of
d through
Drinking
ial House
vanager

m the r
irement
st date
12.02
40.08

DIPR/
zenkz

23	straightening, cutting, bending, hooking, placing in position, lapping and I or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications and Lift charges for steel of all diameters for additional floors over ground floor per floor height of 3.5 m. or part there of cost of labour, complete as per specifications. - do-TMT bars Fe 500	MT	12.89		
24	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and I or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications and Lift charges for steel of all diameters for additional floors over ground floor per floor height of 3.5 m. or part there of cost of labour, complete as per specifications. - do-TMT bars Fe 500	MT	2.56		
25	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and I or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications and Lift charges for steel of all diameters for additional floors over ground floor per floor height of 3.5 m. or part there of cost of labour, complete as per specifications. - do-TMT bars Fe 500	MT	7.64		
26	Providing and fixing stainless steel 304 grade for staircase railings, balconies, ramps, with hand rail, 50mm dia 16 gauge hollow pipe welded to vertical hollow 50mm dia pipe of 16 gauge, stainless steel vertical pipe spaced at 1.20m regular intervals and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of and electrical charges, etc., complete as per specifications.	Sqm	21.10		
27	Providing and constructing granite I trap I basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	25.90		
28	KSRB 6-2 Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 5.0 Newton per sqmm (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2	Cum	111.37		
29	KSRB 6-2 Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 5.0 Newton per sqmm (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2	Cum	47.80		
30	KSRB 15-3 14/15-7 Providing 12mm thick plain plastering in single coat to internal ceiling & RC surfaces in cement mortar 1:4 (1 cement 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading with all lead and lifts etc., complete & as per specification and as directed by Engineer.	Sqm	244.87		

CONTRACTOR

Page 43 of 54

EXECUTIVE ENGINEER
YELAHANKA DIV

X SOP

FI
IND

out,
on Ec

mic ha
I help it
with in-d
only on

Office
ral Dr
D

SH
(through
BROU

ehalf of
through
Drinking
al House
anager
n the r
ement
t date
12.02
08'

IPR
ank

56	19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to match shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. -do- using silver grey granite/Multy Red/Ruby Red/Black/ Hassan Green Granite of width not less than 1200mm.	Sqm	11.07		
57	KSRB 14.14-5: Providing Ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles of size 15x15cms 6mm thick	Sqm	1.80		
58	Providing wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster grooves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications. White Sal wood frames	Sqm	1.04		
59	Fixing of Door frames in an existing opening including embedding frame in floor and walls after cutting masonry for embedding holdfasts including providing & fixing 3/4 of MS hold fasts of size 200x20x3mm for each side and fixed to the frame and embedded with PCC 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size), painting two coats of coal tar to sides of frames, making good the damages to walls & floor as required and disposal of debris including cost of materials, labour, HOM of machineries complete as per specifications all as per the drawing and as per the directions of the Engineer-in-charge of the work.	Nos	8.00		
60	Fixing of Door frames in an existing opening including embedding frame in floor and walls after cutting masonry for embedding holdfasts including providing & fixing 3/4 of MS hold fasts of size 200x20x3mm for each side and fixed to the frame and embedded with PCC 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size), painting two coats of coal tar to sides of frames, making good the damages to walls & floor as required and disposal of debris including cost of materials, labour, HOM of machineries complete as per specifications all as per the drawing and as per the directions of the Engineer-in-charge of the work.	Nos	5.00		
61	Providing and fixing of factory made 30mm P.V.C rigid foam PANEL DOORS made from MS tube of 19 gauge, size of 19mm x 19mm and covered with heat moulded PVC C Channel of 5 mm thick and width of 50mm to form styles and rails. The inner panel should be inserted in between the frame with 5mm thick PVC rigid foam sheet, welded/sealed to the styles and rails along with 5mm PVC, heading on all and either sides. The vertical tubes may be filled with suitable wood material to further enhance the screw holding capacity	Sqm	1.89		
62	Providing and fixing in position fully panelled wood shutters for doors, styles and rails of 30mm, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34	Sqm	25.16		
63	Providing and fixing in position fully panelled wood shutters for doors, styles and rails of 30mm, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34	Sqm	15.08		

CONTRACTOR

Page 47 of 54

EXECUTIVE ENGINEER
YELAHANKA DIV

X SOP

E F
IND

d out,
on Ec

amic ha
d help it
with in-d
only on

Office
rural Dr
D

SH
(through

behalf of
d through
Drinking
al House
vanager
m the m
ement
st date
12.02
o. 08'

IPR/
enks

	and as directed by Engineer.				
83	KSRB 13-11 1 Over Head Synthetic Tanks - Providing, Placing on Terrace, Polyethylene storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications for 1000 Litres Capacity including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading, with all lead and lifts etc., complete & as per specification and as directed by Engineer.	Nos	1.00		
84	Provision for Dismantling of Existing RCC Structure and removing the debris as directed by the Engineer-in-Charge of work with all lead & lift, loading & unloading and all other incidental charges etc.	Cum	26.98		
85	Provision for Dismantling of Existing Brick masonry and removing the debris as directed by the Engineer-in-Charge of work with all lead & lift, loading & unloading and all other incidental charges etc.	Cum	74.97		
86	Provision for Dismantling of Existing Joinery Work and Stocking, as directed by the Engineer-in-Charge of work with all lead & lift, loading & unloading and all other incidental charges etc.	Cum	14.26		
87	Supplying heavy gauge PVC conduit pipe mm dia mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary. 19/20mm dia 2mm thick	m	230.00		
88	Supplying heavy gauge PVC conduit pipe mm dia mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary. 25mm dia 2mm thick	m	370.00		
89	Supplying heavy gauge PVC Conduit Pipe dia mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 25mm dia 2mm thick	m	80.00		
90	Supplying And Fixing Metal Fan Box with Round Hook	Nos	20.00		
91	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694 and latest amendments) without control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. Short point upto 3Mtr from tapping point to outlet via switch box	Point	6.00		
92	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694 and latest amendments) without control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. Medium point above 3Mtr upto 6Mtr from tapping point to outlet via switch box	Point	19.00		

CONTRACTOR

EXECUTIVE ENGINEER
YELAHANKA DIV

105	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps SP	Nos	8.00		
106	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps DP	Nos	3.00		
107	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure. 6Way SP & N, Double door	Nos	3.00		
108	Supplying of 11 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A (55/7.4), 4 core 10 sqmm	Mtrs	70.00		
109	Supply of round/square recess/surface mounted rolling type LED Down light with W GU 10 LED Lamp Rib Fabricated from Die cast aluminium with white powdercoated prewired to mains connector & has swiveling unit of aluminium die cast eye ball & LED Lamp position retained by circular wire spring, with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor > 0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition. LED square or round down light 10-12W	Nos	64.00		
110	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system. 56" Sweep (1400mm) Regular model	Nos	20.00		

SECTION 8: DRAWINGS

(Enclosed)

SECTION 9: BILL OF QUANTITIES

- (1) Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities (refer: ITB Clause 11.2 and CC Clause 37.2).
- (2) Unit rates and prices shall be quoted by the Tenderer in Indian Rupees.
- (3) Where there is a discrepancy between the rate in figures and words, the lower of the two will govern.
- (4) Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by quantity, the unit rate quoted shall govern [ITT Clause 24.1 (b)]
- (5) GST will be paid separately to the Tendered Amount

SECTION 10: FORMAT OF BANK GUARANTEE FOR SECURITY DEPOSIT

To: [name of Employer]
 [address of Employer]

WHEREAS [name and address of Contractor] (hereinafter called "the Contractor") has undertaken, in pursuance of Contract No. dated : to execute [name of Contract and brief description of Works] (hereinafter called "the Contract");

CONTRACTOR